

### Abstract

A method for coating a medical device with a hydrophilic polymer is provided. One method of the present invention includes chemically binding under appropriate reaction conditions a hydrophilic polymer to a biomaterial surface.

Another method of the present invention includes chemically binding under appropriate reaction conditions a hydrophilic polymer to a primer located on a biomaterial surface. Another method of the present invention includes chemically binding under appropriate reaction conditions a biomolecule to a hydrophilic polymer located on a biomaterial surface.